Re-evaluation Note REV2016-17

Initiation of Special Reviews: Potential Environmental Risk to Aquatic Invertebrates Related to the Use of Clothianidin and Thiamethoxam

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Initiation of Special Reviews

This notice is to advise that pursuant to subsection 17(1) of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) is initiating special reviews related to registered pest control products containing the active ingredients clothianidin or thiamethoxam.

Based on a preliminary analysis of available information on the levels and frequency of detection of these pesticides in aquatic environments, the PMRA has determined that special reviews are warranted. The aspect of concern for these reviews is to assess potential risk to aquatic invertebrates exposed to clothianidin or thiamethoxam applied as a seed, foliar or soil treatment.

Following evaluations of the aspect of concern, pursuant to section 28 of the *Pest Control Products Act*, the PMRA will publish its proposed special review decisions for public consultation.

At any point during the special reviews, the registration of one or more of the pest control products containing the active ingredients clothianidin or thiamethoxam may be amended should evidence become available to believe that such action is necessary to deal with a situation that endangers the environment.

Tables 1 and 2 list the clothianidin and thiamethoxam products, respectively, which are subject to these special reviews.

Table 1 Pest control products containing clothianidin registered as of 18 November 2016 that are subject to a special review to assess potential risk to aquatic invertebrates

Registrant Name	Product Name	Registration Number
Sumitomo Chemical Company Limited	Clothianidin Technical Insecticide	27445
Bayer Cropscience Inc.	Titan Insecticide	27449
	Poncho 600 FS Seed Treatment Insecticide	27453
	Prosper FL Flowable Insecticide And Fungicide Seed Treatment	27564
	Prosper T 200 Flowable Insecticide And Fungicide Seed Treatment	29158
	Prosper FX Flowable Insecticide And Fungicide Seed Treatment	29159
	Emesto Quantum	30362
	Prosper Evergol	30363
	Sepresto 75 WS	30972

Registrant Name	Product Name	Registration Number
Valent Canada, Inc.	Nipsit Inside 600 Insecticide	28975
	Clutch 50 WDG Insecticide	29382
	Arena 50 WDG Insecticide	29383
	Clothianidin Insecticide	29384
	Nipsit Suite Canola Seed Protectant	31355
	Nipsit Suite Cereals Of Seed Protectant	31357

Table 2 Pest control products containing thiamethoxam registered as of 18 November 2016 that are subject to a special review to assess potential risk to aquatic invertebrates

Registrant Name	Product Name	Registration Number
Syngenta Canada Inc.	Helix Liquid Seed Treatment	26637
	Helix Xtra Seed Treatment	26638
	Thiamethoxam Technical	26665
	Cruiser 5FS Seed Treatment	27045
	Cruiser 350FS Seed Treatment Insecticide	27986
	Actara 240SC Insecticide	28407
	Actara 25WG Insecticide	28408
	Cruiser Maxx Beans Seed Treatment	28821
	Cruiser Maxx Cereals Commercial Seed Treatment	29127
	Cruiser Maxx Cereals Seed Treatment	29192
	A18046A Seed Treatment	30388
	Endigo Insecticide	30404
	Cruiser Maxx Vibrance Cereals Seed Treatment	30436
	Flagship Insecticide	30723
	Minecto Duo 40WG	30900
	Mainspring X Insecticide	30901
	Cruiser Maxx Potato Extreme	31024
	Cruiser Vibrance Quattro	31453
	Helix Vibrance	31454